

Abstract

Title:

Case study of physiotherapy treatment of a patient with diagnosis status post fracture of the distal fibula l. sin. W-B.

Objectives:

The aim of the thesis is to summarise theoretical knowledge and to elaborate a case study of a patient after type B malleolar fracture.

Summary:

The thesis is created as a research and a case study based on a clinical work placement at the Malvazinky rehabilitation clinic held from the 6. 1. 2014 to 31. 1. 2014. The thesis consists of two parts, theoretical and practical. The theoretical part presents a description of findings in the field of functional anatomy and kinesiology of the foot and ankle, biomechanics of the gait and traumatology of the skeletal system. Next, it contains elaboration of the matter of ankle fractures in terms of diagnostics, treatment and subsequent rehabilitation care, especially regarding physical therapy. The practical part is conceived as a case report of a patient after surgically treated fracture of the distal fibula (type Weber B), incorporating a complex entrance kinesiology examination, therapeutic approach and the course of 14 therapeutic units. Finally, the thesis includes an exit kinesiology examination and evaluation of the effect of performed therapy.

Key words:

ankle joint, fracture, tibiofibular syndesmosis, osteosynthesis, case study, physical therapy